

Figure 1

1 (User)

2 (Site Word Map)

3 (User Profile)

4 (Phrase Engine)

5 (Search Phrases)

6 (Search Engine)

7 (Valid Queries)

8 (Search Results)

9 (Select & Filter)

10 (Publish & Influence)

11 (Display Index Page)

12 (Learn)

Legend:

- △ Influence
- Phrase or Word
- Memory
- ◇ Request
- ▽ Search Result
- Process
- Data flow

Figure 2

<u>Click</u> clicked	<u>Search Result</u> a	<u>Search Phrase</u> 1,2
	Map 1[1],2[1] 2[1],1[1]	
<u>Click</u> clicked	<u>Search Result</u> b	<u>Search Phrase</u> 3,4
	<u>Map</u> 1[1],2[1] 2[1],1[1] 3[1],4[1] 4[1],3[1]	
<u>Click</u> clicked	<u>Search Result</u> c	<u>Search Phrase</u> 1,4
	<u>Map</u> 1[2],2[1],4[1] 2[1],1[1] 3[1],4[1] 4[2],3[1],1[1]	
<u>Click</u> clicked	<u>Search Result</u> c	<u>Search Phrase</u> 1,2
	<u>Map</u> 1[3],2[2],4[1] 2[2],1[2] 3[1],4[1] 4[2],3[1],1[1]	
<u>Click</u> clicked	<u>Search Result</u> c	<u>Search Phrase</u> 1,3
	Map 1[4],2[2],4[1],3[1] 2[2],1[2] 3[2],4[1],1[1] 4[2],3[1],1[1]	

FOUO 3/26/00